



## 1. PERSONAL DETAILS

## 2. EDUCATION

### Degrees

- 2004**     **Doctorate thesis in fish and fisheries biology**, Laboratory of Ichthyology, School of Biology, Aristotle University of Thessaloniki, Greece
- 1999**     **MSc in Oceanography**, Department of Oceanography, University of Southampton, UK
- 1997**     **BSc (Honours) in Environmental Biology**, School of Applied Science, London South Bank University, UK

### Further training

#### Seminars attended

5. Functional programming for fisheries (Fisheries libraries in R), Scientific, Technical and Economic Committee for Fisheries (STECF), Joint Research Committee (JCR), Athens, June 2010, 40 h.
4. Functional programming for fisheries (Fisheries library in R, Bayesian networks, BUGS, Hugin), Fisheries and Environmental Management Group (FEM), University of Helsinki, Finland, May 2006, 40 h.
3. Series of seminars related to *Creative thinking, Product development, Innovation techniques, Funding sources-Writing proposals-Evaluation, Intellectual property, Project management, Research methodology and development, Comparative evaluation*, within the framework of the project PENNED 2001, Research Committee of Aristotle University of Thessaloniki, April-May 2005, 100 h.
2. Working seminar on *Gillnet selectivity*, North Sea Center (Denmark) within the framework of the project 'Upgrading Greek Gillnet Fishery', Kavala, Greece, April 1999, 24 h.
1. Seminar entitled *The World of Work*, University of Southampton-Cutting Edge Consultants, Southampton Oceanography Centre, UK, February 1998.

#### Laboratory training

2. Water pumping and filtering from fish tanks and measuring hormones in the water using RIA at the Physiology Lab of the Centre for Environmental, Fisheries and Aquaculture Science (CEFAS), Weymouth, UK, 2005, 3 weeks.
1. Measuring protein in the blood plasma and kidney of fishes using ELISA and measuring hormones in blood plasma of fishes using RIA at the Physiology Lab of the Centre for Environmental, Fisheries and Aquaculture Science (CEFAS), Weymouth, UK, 2006, 3 weeks.

#### Languages spoken

- Greek (working knowledge)
- English (working knowledge)
- French (limited knowledge)
- Italian (slight knowledge but enough to understand scientific documents)

### 3. EMPLOYMENT RECORD

#### Full-time positions

Year	Position	Duties
Jan 2013-present	<i>Assistant Professor</i> School of Biology, Aristotle University of Thessaloniki	Teaching (40%), research (55%), administrative work (5%)
Jan 2009-2012	<i>Lecturer</i> Department of Ichthyology and Aquatic Environment, University of Thessaly	Teaching (40%), research (55%), administrative work (5%)
Jan 2005-Dec 2008	<i>Research fellow</i> Department of Zoology, School of Biology, Aristotle University of Thessaloniki,	Postdoctoral research in fish reproductive physiology and fisheries biology/ecology, including writing project reports and grant proposals
Jan 2003-Dec 2004	<i>Postgraduate researcher</i> Department of Zoology, School of Biology, Aristotle University of Thessaloniki	Scholarship (PENED 2001) for PhD students
Sep 1999-Dec 2002	<i>Special scientist</i> Fisheries Research Institute, Kavala, Greece	Research in fisheries biology, oceanography

#### Part-time positions

Year	Position	Duties
Sep 2006-Dec 2008	<i>Adjunct Lecturer</i> Department of Ichthyology and Aquatic Environment, University of Thessaly	Teaching
Sep 2005-Jun 2008	<i>Scientific fellow</i> Department of Fisheries & Aquaculture, Technological Education Institute of Thessaloniki, Greece	Teaching

#### Teaching experience

##### Graduate courses taught

*At the Department of Fisheries and Aquatic Environment, University of Thessaly, Volos, Greece*

- MSc Sustainable Management of Aquatic Resources (2008-present, 4 modules, 36 h)

*At the School of Biology, Aristotle University of Thessaloniki, Thessaloniki, Greece*

- MSc Hydrobiology-Aquaculture (2010-present, 2 modules, 10 h)

##### Undergraduate courses taught

*At the Department of Fisheries & Aquaculture, Technological Education Institute of Thessaloniki, Greece (2005-2008, 3 modules)*

1. Population dynamics of marine organisms (September 2005-July 2008, 6 semesters, over 300 h)
2. Fish biology and systematics (September 2005-July 2008, 6 semesters, over 200 h)
3. Advanced biostatistics (September 2007-July 2008, 2 semesters, over 50 h)

*At the Department of Fisheries and Aquatic Environment, University of Thessaly, Volos, Greece (2006-present, 4 modules)*

1. Fisheries stock assessment and management (since September 2006, 6 semesters, over 300 h)
2. Fisheries (since September 2008, 4 semesters, over 200 h)
3. Fisheries technology (since February 2009, 3 semesters, over 150 h)
4. Marine biology (since February 2009, 3 semesters, over 100 h)

**Theses supervised/examined**

*Undergraduate*

11 supervised/9 examined

*Postgraduate*

*MSc*

8 supervised/11 examined

*PhD*

4 supervise/7 examined

## Research experience

### Participation in research projects

Participation (fully involved in proposal writing, reporting, accounting) in 27 research projects, 11 of which were EU funded following an international call, and related with fish physiology, fisheries biology and management, lagoon management, coastal pollution and environmental monitoring. Coordination of 5 of them.

### Participation in working groups/workshops/scientific meetings

6. Scientific, Technical and Economic Committee for Fisheries (STECF). *Organized by:* Joint Research Committee (JCR), EU. Heraklion, 31 May-4 June 2010.
5. EUR-OCEANS Annual Meeting. *Organized by:* Hellenic Centre for Marine Research. Athens, 25-26 April 2007.
4. 7<sup>th</sup> Fishbase Consortium Annual Meeting. *Organized by:* Fisheries Centre, University of British Columbia. Vancouver, 4-6 September 2006.
3. Workshop on incorporating small pelagic fish (*Engraulis encrasicolus*) to a 3D ERSEM-BFM with application in the Aegean Sea. *Organized by:* EUR-OCEANS. Athens, 4 December 2006.
2. 6<sup>th</sup> Fishbase Consortium Annual Meeting. *Organized by:* School of Biology, Aristotle University of Thessaloniki. Thessaloniki, 31 August-3 September 2005.
1. Working Group on Small Pelagic Species, Scientific Advisory Committee, General Fisheries Commission for the Mediterranean. *Organized by:* Fisheries Research Institute. Kavala, 27-30 March 2001.

### Sampling and surveying

Participation in 10 scientific cruises (a total of 130 days at sea), most of which were fisheries oriented. Expertise in using all commercial and experimental fishing gear, as well as ichthyoplankton and zooplankton sampling nets (bongo net, neuston net).

### Laboratory techniques and methods

Extensive postgraduate work on:

- Image analysis for age and growth determination in fish
- Histological examination of fish gonads
- Radio-immunoassays (RIA, ELISA) for measuring hormone and protein levels in fish tissues and in the water

### Computer skills

Excellent knowledge and use of software related to:

- spreadsheets (Excel, Numbers, TextDocument)
- text processing (Word, Pages, Spreadsheet)
- presentations (Powerpoint, Keynote, Presentation)
- statistics (Statgraphics, Statistica, Origin, SPSS, S-Plus)
- mapping (Ocean Data View, Grapher, Surfer, AUTOCAD)
- ecological analysis (PRIMER, CANOCO, TrophLab)
- fisheries data (FishStat Plus, FishStat J, FISAT, Yield, VIT, SURBA, CEDA, LFDA, VonBit, ALADYM)

Fairly good knowledge of R and fisheries libraries in R (FLR)

## Administrative experience

### Scientific board member

Co-chair of the ICES Working Group on Small Pelagic Fishes, their Ecosystems and Climate Impact

Vic- chair of the Natura 2000 National Committee (2014-2016)

Elected member of the scientific board of the Hellenic Society of Biological Sciences (2010-2012), with conference organizing duties

### Participation in conference organizing committees

13. 16<sup>th</sup> *Hellenic Conference of Ichthyologists*, Kavala, 6-9 October 2016.
12. 38<sup>th</sup> *Scientific Conference of the Hellenic Society of Biological Sciences*, Nafplio, 26-28 May 2016.
11. 37<sup>th</sup> *Scientific Conference of the Hellenic Society of Biological Sciences*, Volos, 21-23 May 2015.
10. 15<sup>th</sup> *Hellenic Entomological Conference*, Kavala, 22-25 October 2013.
9. 15<sup>th</sup> *Hellenic Conference of Ichthyologists*, Thessaloniki, 10-13 October 2013.
8. 14<sup>th</sup> *Fishbase Consortium Annual Meeting*, School of Biology, Aristotle University of Thessaloniki, Thessaloniki, 3-5 September 2013.
7. 11<sup>th</sup> *Mini FishBase Symposium 'More fish and more...'*, Aristotle University of Thessaloniki, Thessaloniki, 2 September 2013.
6. 35<sup>th</sup> *Scientific Conference of the Hellenic Society of Biological Sciences*, Nafplio, 23-25 May 2013.
5. 34<sup>th</sup> *Scientific Conference of the Hellenic Society of Biological Sciences*, Trikala, 17-19 May 2012.
4. 3<sup>rd</sup> *International Symposium in Hydrobiology and Fisheries*, University of Thessaly, Arta, 8-10 October 2008.
3. 29<sup>th</sup> *Scientific Conference of the Hellenic Society of Biological Sciences*, Kavala, 17-19 May 2007.
2. 6<sup>th</sup> *Fishbase Consortium Annual Meeting*, School of Biology, Aristotle University of Thessaloniki, 31 August-3 September 2005.
1. 3<sup>rd</sup> *Mini FishBase Symposium 'Fish and more...'*, Aristotle University of Thessaloniki, 31 August 2005.

#### **Participation in internal committees of the department**

Participated in more than 15 regular administrative committees of the Department of Ichthyology and Aquatic Environment of the University of Thessaly (2009-present).

## **4. RESEARCH INTERESTS**

### **Fish and fisheries biology and ecology**

(maturity, fecundity, spawning, ageing, growth, mortality, length-weight relationships, reproductive physiology, nutrition, feeding and trophic level, population dynamics, life history strategies, behaviour, energetic trade-offs, effects of fishing and climate change)

### **Stock assessment and fisheries management**

(fishing gear, spatial and temporal variability of landings, lagoon fisheries, marine protected areas, fisheries data-poor management, effects of fishing on ecosystems, mortality and catch curves, effect of aquaculture on fisheries, fisheries modelling)

### **Oceanography**

(water mass exchange, tidal cycle, nutrients and primary production, N:P ratio, zooplankton and ichthyoplankton distribution)

### **Scientometrics**

(underestimation of local science by bibliometric indices, impact factor, the scientific impact of FishBase, global university rankings)

### **Member** of the Greek FishBase group hosted by Aristotle University of Thessaloniki (member of the FishBase consortium) since 2003

**5. PUBLICATION RECORD AND CITATIONS**

Type of publication	Items
I Theses	3
II International peer-reviewed journals	57
III Books/international book chapters	11
IV Lecture notes (in Greek)	10
V Proceedings of international conferences	27
VI Proceedings of national (Greek) conferences	63
VII Workshops/working groups	10
VIII Technical reports	13
IX Other (local journals, press etc)	13
X Submitted/in preparation manuscripts	(5)
<b>Total</b>	<b>207</b>

Citations (from Scopus and Google Scholar, August 2013)	Number
<b>Total number of citations received (excluding self-citations)</b>	<b>1050</b>
<b>Self-citations</b>	<b>300</b>
<b>H-index</b>	<b>18</b>
<b>m index</b>	<b>1.3</b>

## 6. PUBLICATION LIST

### I. Theses

103. **Tsikliras A** (2004) Biology and population dynamics of round sardinella (*Sardinella aurita* Valenciennes, 1847) in Kavala Gulf (northern Aegean Sea). PhD Thesis, School of Biology, Aristotle University of Thessaloniki, Greece, 160 p.
102. **Tsikliras A** (1998) Distribution of nutrients in the northern Aegean Sea and their relationship to chlorophyll distribution. MSc Thesis, Department of Oceanography, University of Southampton, UK, 42 p.
101. **Tsikliras A** (1997) The effect of species number on the connectance of a marine food web and the stability of the community (Severn Estuary, W. England). BSc Thesis, School of Applied Science, London South Bank University, UK, 24 p.

### II. International peer-reviewed journals

(for fulltext in PDF, see <http://uth.academia.edu/AthanassiosTsikliras>)

- II57. Bobori DC, Kanakis N, Petriki O, **Tsikliras AC** (2016) Lake morphometry and trophic status affect life-history characteristics of *Rutilus rutilus* populations in temperate lakes. *Acta Zoologica Bulgarica*
- II56. Froese R, Walters C, Pauly D, Winker H, Weyl OLF, Demirel N, **Tsikliras AC**, Holt SJ (2016) Reply to Anderson et al. "Assumptions behind size-based ecosystem models are realistic" *ICES Journal of Marine Science* **73**: 1656-1658
- II55. Froese R, Walters C, Pauly D, Winker H, Weyl OLF, Demirel N, **Tsikliras AC**, Holt SJ (2016) A critique of the balanced harvesting approach to fishing. *ICES Journal of Marine Science* **73**: 1640-1650
- II54. Stergiou KI, Somarakis S, Triantafyllou G, Tsiaras KP, Giannoulaki M, Petihakis G, Machias A, **Tsikliras AC** (2016) Trends in productivity and biomass yields in the Mediterranean Sea large marine ecosystem during climate change. *Environmental Development* **17** (Suppl. 1): 57-74
- II53. Brager S, Moritz T, **Tsikliras AC**, Radulovic M, Gonzalvo J, Staszny A (2016) Scale-morphometry of two closely related sympatric clupeid species. *Journal of Fish Biology* **88**: 1273-1281
- II52. Nikolioudakis N, Somarakis S, **Tsikliras AC**, Stergiou KI (2015) Tenure and academic deadwood. *Ethics in Science and Environmental Politics* **15**: 87-93
- II51. **Tsikliras AC**, Peristeraki P, Tserpes G, Stergiou KI (2015) Mean temperature of the catch (MTC) in the Greek Seas based on landings and survey data. *Frontiers in Marine Science* **2**: 23
- II50. **Tsikliras AC**, Dinouli A, Tsiros V-Z, Tsalkou E (2015) The Mediterranean and Black Sea fisheries at risk from overexploitation. *PLoS ONE* **10**: e0121188
- II49. **Tsikliras AC**, Stergiou KI (2015) Age at maturity of Mediterranean marine fishes. *Mediterranean Marine Science* **16**: 5-20
- II48. **Tsikliras AC** (2014) Fisheries mismanagement in the Mediterranean: a Greek tragedy. *Fisheries and Aquaculture Journal* **5**: 1000e113 (EDITORIAL)
- II47. **Tsikliras AC**, Stergiou KI (2014) The mean temperature of the catch increases quickly in the Mediterranean Sea. *Marine Ecology Progress Series* **515**: 281-284
- II46. **Tsikliras AC** (2014) Sympatric clupeoid fish larvae in the eastern Mediterranean: coexistence or avoidance? *Advances in Ecology* **2014**: 274180
- II45. **Tsikliras AC**, Polymeros K (2014) Fish market prices drive overfishing of the 'big ones'. *Peer J* **2**: e638
- II44. Juntunen T, **Tsikliras AC**, Mäntyniemi S, Stergiou KI (2014) A Bayesian population model to estimate changes in the stock size in data-poor cases using Mediterranean bogue (*Boops boops*) and picarel (*Spicara smaris*) as an example. *Mediterranean Marine Science* **15**: 587-601
- II43. **Tsikliras AC**, Stergiou KI (2014) Condition and health indicators of exploited marine fishes. *Journal of Fish Biology* **85**: 560-561 (BOOK REVIEW)
- II42. **Tsikliras AC**, Stergiou KI, Adamopoulos N, Pauly D, Mente E (2014) Shift in trophic level of Mediterranean mariculture species. *Conservation Biology* **28**: 1124-1128
- II41. **Tsikliras AC**, Robinson D, Stergiou KI (2014) Which came first: the money or the rank? *Ethics in Science and Environmental Politics* **13**: 203-213
- II40. Stergiou KI, **Tsikliras AC** (2014) Global university reputation and rankings: insights from culturomics. *Ethics in Science and Environmental Politics* **13**: 193-202
- II39. Stergiou KI, **Tsikliras AC** (2014) Global university rankings uncovered: introduction. *Ethics in Science and Environmental Politics* **13**: 59-64 (EDITORIAL)



- II38. **Tsikliras AC**, Stergiou KI (2014) Size at maturity of Mediterranean marine fishes. *Reviews in Fish Biology and Fisheries* **24**: 219-268
- II37. Alheit J, Licandro P, Coombs S, Garcia A, Giraldez A, Santamaria MTG, Slotte A, **Tsikliras AC** (2014) Atlantic Multi-decadal Oscillation (AMO) modulates dynamics of small pelagic fishes and ecosystem regime shifts in the eastern North and Central Atlantic. *Journal of Marine Systems* **131**: 21-35
- II36. Moutopoulos DK, Katselis G, Kios K, Tsotskou A, **Tsikliras AC**, Stergiou KI (2013) Estimation and reconstruction of shore-based recreational angling fisheries catches in the Greek Seas (1950-2010). *Journal of Biological Research* **20**: 376-381
- II35. **Tsikliras AC**, Dinouli A, Tsalkou E (2013) Exploitation trends of the Mediterranean and Black Sea fisheries. *Acta Adriatica* **54**: 273-282
- II34. **Tsikliras AC**, Koutrakis ET (2013) Growth and reproduction of European sardine, *Sardina pilchardus* (Pisces: Clupeidae), in northeastern Mediterranean. *Cahiers de Biologie Marine* **54**: 365-374
- II31. **Tsikliras AC**, Stergiou KI, Froese R (2013) Editorial on reproductive biology of fishes. *Acta Ichthyologica et Piscatoria* **43**: 1-5
- II30. **Tsikliras AC**, Tsiros V-Z, Stergiou KI (2013) Assessing the state of Greek marine fisheries resources. *Fisheries Management and Ecology* **20**: 34-41
- II29. **Tsikliras AC** (2012) Fish mass mortalities are not always related to environment. *Journal of Contradicting Results in Science* **1**: 14-15
- II28. Froese R, **Tsikliras AC**, Stergiou KI (2011) Editorial note on weight-length relations of fishes. *Acta Ichthyologica et Piscatoria* **41**: 261-263
- II27. Stergiou KI, **Tsikliras AC** (2011) Fishing-down, fishing-through and fishing-up: fundamental process versus technical details. *Marine Ecology Progress Series* **441**: 295-301
- II26. **Tsikliras AC**, Koutrakis ET (2011) Summer fish larval assemblages and station groups in the northern Aegean Sea. *Acta Adriatica* **52**: 57-66
- II25. Antonopoulou E, **Tsikliras AC**, Kocour M, Žlábek V, Flajšhans M, Gela D, Piačková V, Scott AP (2011) Peak production of the 'maturation-inducing steroid' 17,20 $\beta$ -dihydroxypregn-4-en-3-one is not associated with spawning time in male and female tench, *Tinca tinca* (a teleost fish). *General and Comparative Endocrinology* **172**: 234-242
- II24. Leonardos ID, **Tsikliras AC** (2011) Validating annulus formation and examining the potential use of pectoral spines for age determination in Aristotle's catfish (*Silurus aristotelis*). *Journal of Applied Ichthyology* **27**: 53-56
- II23. **Tsikliras AC**, Antonopoulou E, Stergiou KI (2010) Spawning period of Mediterranean marine fishes. *Reviews in Fish Biology and Fisheries* **20**: 499-538
- II22. Sylaios GK, Koutroumanidis T, **Tsikliras AC** (2010) Ranking and classification of fishing areas using fuzzy models and techniques. *Fisheries Management and Ecology* **17**: 240-253
- II21. Koutrakis ET, **Tsikliras AC** (2009) Reproductive biology of the marbled goby, *Pomatoschistus marmoratus* (Pisces, Gobiidae), in a northern Aegean estuarine system (Greece). *Folia Zoologica* **58**: 447-456
- II20. Leonardos ID, **Tsikliras AC**, Batzakas I, Ntakis A, Liouisia V (2009) Life-history characteristics of the endangered Aristotle's catfish (*Silurus aristotelis* Garman, 1890), Lake Pamvotis, north-western Greece. *Journal of Applied Ichthyology* **25**: 746-751
- II19. **Tsikliras AC**, Koutrakis ET, Sylaios GK, Kallianiotis AA (2009) Summer distribution of fish larvae in northern Aegean Sea. *Journal of the Marine Biological Association of the United Kingdom* **89**: 1137-1146
- II18. Stergiou KI, **Tsikliras AC**, Pauly D (2009) Farming up the Mediterranean food webs. *Conservation Biology* **23**: 230-232
- II17. **Tsikliras AC** (2008) Climate-related geographic shift and sudden population increase of a small pelagic fish (*Sardinella aurita*) in the eastern Mediterranean Sea. *Marine Biology Research* **4**: 477-481
- II16. Leonardos ID, **Tsikliras AC**, Eleftheriou V, Kladas Y, Kagalou I, Chortatou R, Papigiotti O (2008) Life history characteristics of an invasive cyprinid fish (*Carassius gibelio*) in Chimaditis Lake (northern Greece). *Journal of Applied Ichthyology* **24**: 213-217
- II15. **Tsikliras AC** (2008) Chasing after the high impact. *Ethics in Science and Environmental Politics* **8**: 45-47
- II14. **Tsikliras A**, Moutopoulos D, Stergiou K (2007) Reconstruction of Greek marine fisheries landings: national versus FAO statistics. In: D Zeller, D Pauly (eds) Reconstruction of marine fisheries catches for key countries and regions (1950-2005). *Fisheries Centre Research Reports*, **15** (2): 121-137

- II13. **Tsikliras AC**, Antonopoulou E, Stergiou KI (2007) A phenotypic trade-off between previous growth and present fecundity in round sardinella *Sardinella aurita*. *Population Ecology* **49**: 221-227
- II12. Stergiou KI, **Tsikliras AC** (2006) Underrepresentation of regional ecological research output by bibliometric indices. *Ethics in Science and Environmental Politics* **2006**: 15-17
- II11. Bobori DC, **Tsikliras AC**, Economidis NI (2006) Some morphological and biological characteristics of fishes from Tavropos reservoir (western Greece). *Folia Zoologica* **55**: 199-210
- II10. **Tsikliras AC**, Antonopoulou E (2006) Reproductive biology of round sardinella (*Sardinella aurita*) in the north-eastern Mediterranean. *Scientia Marina* **70**: 281-290
- II09. **Tsikliras AC**, Torre M, Stergiou KI (2005) Feeding habits and trophic level of round sardinella (*Sardinella aurita*) in the northeastern Mediterranean (Aegean Sea, Greece). *Journal of Biological Research* **3**: 67-75
- II08. Sylaios GK, Tsihrintzis VA, Acratos Ch, **Tsikliras AC**, Haralambidou K (2005) Exchange dynamics through the mouth of a coastal lagoon. *Journal of Marine Environmental Engineering* **8**: 1-19
- II07. Koutrakis ET, **Tsikliras AC**, Sinis AI (2005) Temporal variability of the ichthyofauna in a Northern Aegean coastal lagoon (Greece). Influence of environmental factors. *Hydrobiologia* **543**: 245-257
- II06. **Tsikliras AC**, Koutrakis ET, Stergiou KI (2005) Age and growth of round sardinella (*Sardinella aurita*) in the northeastern Mediterranean. *Scientia Marina* **69**: 231-240
- II05. Koutrakis ET, Kallianiotis AA, **Tsikliras AC** (2004) Temporal patterns of larval fish distribution and abundance in a coastal area of northern Greece. *Scientia Marina* **68**: 585-595
- II04. **Tsikliras AC**, Koutrakis ET, Kallianiotis AA, Economidis PS (2004) Massive leaping of *Sardinella aurita* Valenciennes, 1847 under probable risk of predation in northern Aegean Sea (Greece). *Marine and Freshwater Behaviour and Physiology* **37**: 31-34
- II03. Sylaios G, Tsihrintzis VA, Acratos Ch, **Tsikliras A**, Haralambidou K (2003) Residual currents and fluxes through the mouth of Vassova coastal lagoon. *Mediterranean Marine Science* **4/2**: 39-52
- II02. Koutrakis ET, Kokkinakis AK, **Tsikliras AC**, Eleftheriadis EA (2003) Characteristics of the European Bitterling *Rhodeus amarus* (Cyprinidae) in the Rihios River, Greece. *Journal of Freshwater Ecology* **18**: 615-624
- II01. Koutrakis ET, **Tsikliras AC** (2003) Length-weight relationships of fishes from three northern Aegean estuarine systems (Greece). *Journal of Applied Ichthyology* **19**: 258-260

### III. Books/International book chapters

- III11. Stergiou KI, **Tsikliras AC** (2016) Translation of Chapter 24 - *Fishes*. Integrated principles of Zoology, CP Hickman, LS Roberts, SI Keen, A Larson, H I' Anson, DJ Eisenhour. Athens, Utopia Publisher.
- III10. Stergiou KI, **Tsikliras AC** (2016) Fisheries and fisheries Biology. Kallipos, Athens.
- III09. Moutopoulos D, **Tsikliras A**, Stergiou K (2016) Reconstruction of Greek fishery catches by fishing gear and area (1950-2010). In: Pauly D, Zeller D (Eds) Global Atlas of Marine Fisheries. Island University Press.
- III07. Stergiou KI, **Tsikliras AC** (2014) Marine ecosystem and fisheries. In: D Vokou et al (eds) Which Greece?, in press
- III06. **Tsikliras AC**, Neofitou N, Neofitou C (2013) Legislation on the capture of young fish intended for aquaculture. In: P Angelidis (Ed) Aspects of the Mediterranean Marine Aquaculture, pp. 235-242. Cartoline Press, Thessaloniki
- III05. Stergiou KI, Karachle PK, **Tsikliras AC**, Mamalakis I (2011) Shouting fishes-Fishes from the Greek Seas: Biology, fisheries and management. Patakis Publishers, Athens, Greece (in Greek)
- III04. Pilling GM, Apostolaki P, Failler P, Floros C, Large PA, Morales-Nin B, Reglero P, Stergiou KI, **Tsikliras AC** (2008) Assessment and management of data-poor fisheries. In: A Payne, J Cotter, T Potter (eds) Advances in Fisheries science: 50 years on from Beverton and Holt, pp. 280-305. Blackwell Publishing, CEFAS.
- III03. **Tsikliras AC**, Stergiou KI (2007) Fisheries management and marine protected areas. In: C Papaconstantinou, A Zenetos, V Vassilopoulou, G Tserpes (eds) State of Hellenic Fisheries, pp. 306-314. Hellenic Centre for Marine Research, Athens.
- III02. Stergiou KI, Moutopoulos DK, **Tsikliras AC** (2007) Spatial and temporal variability in Hellenic marine fisheries landings. In: C Papaconstantinou, A Zenetos, V Vassilopoulou, G Tserpes (eds) State of Hellenic Fisheries, pp. 141-150. Hellenic Centre for Marine Research, Athens.
- III01. Stergiou KI, Moutopoulos DK, **Tsikliras AC**, Papaconstantinou C (2007) Hellenic marine fisheries: a general perspective from the National Statistical Service data. In: C Papaconstantinou, A Zenetos, V

Vassilopoulou, G Tserpes (eds) State of Hellenic Fisheries, pp. 132-140. Hellenic Centre for Marine Research, Athens.

#### **IV. Lecture notes**

- IV10. **Tsikliras A** (2010) Fisheries and fisheries biology. 127 p.
- IV09. **Tsikliras A** (2009) Fisheries technology. *Lab notes and exercises*. 22 p.
- IV08. **Tsikliras A** (2009) Fishing gear and methods. 95 p.
- IV07. **Tsikliras A** (2008) Fisheries stock assessment and management. 230 p.
- IV06. **Tsikliras A** (2008) Fisheries. *Special issues and lab exercises*. 30 p.
- IV05. **Tsikliras A** (2008) Fisheries stock assessment and management. *Lab notes and exercises*. 53 p.
- IV04. **Tsikliras A** (2007) Advanced biostatistics. *Lab notes and exercises*. 28 p.
- IV03. **Tsikliras A** (2007) Population dynamics of marine organisms. 118 p.
- IV02. **Tsikliras A**, Katsiki F (2005) Population dynamics of marine organisms. *Lab notes*. Technological Educational Institution of Thessaloniki, Greece, 52 p.
- IV01. Stergiou KI, **Tsikliras A**, Apostolidis A (2005) Fish online. A guide for teaching ichthyology using FishBase. Thessaloniki, 47 p.

#### **V. International conference proceedings**

- V27. Alheit J, Groeger J, Licandro P, McQuinn IH, Pohlmann T, **Tsikliras AC** (2017) Ocean-atmosphere interactions related to AMO cause simultaneous 'regime shift'-like changes in ecosystems of eastern North Atlantic and Mediterranean in mid-1990s. *Symposium on Drivers of dynamics of small pelagic fish resources*, in press
- V26. **Tsikliras AC**, Licandro P, Gröger JP, Alheit J (2017) Synchronization of the mean temperature of the pelagic catch (MTpC) with the North Atlantic climate variability. *Small pelagics global conference*, in press
- V25. **Tsikliras AC**, Dimarchopoulou D, Coro G, Froese R (2016) Status of Mediterranean hake (*Merluccius merluccius*) based on catch and resilience. *Rapport du Congrès de la Commission Internationale pour l'Exploration Scientifique de la Mer Méditerranée* **41**, in press
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- VIII07. **Tsikliras A**, Petriki O (2011) The fish fauna of Sitistas stream (River Evinos) and its conservation after the construction of a small-scale hydroelectrical power plant. *Technical Report*. 17 p.



- VIII06. Stergiou KI, **Tsikliras A** (2007) The use of the marine trophic index in fisheries data-poor areas: the case of Cyclades islands. *Final Technical Report*. Aristotle University of Thessaloniki, 26 p.
- VIII05. Antonopoulou E, **Tsikliras A** (2007) Tench (*Tinca tinca*) culture in Greece: seasonal reproductive cycle, spawning induction and the thermal and photoperiodic effect on spawning. *Final Technical Report*. Aristotle University of Thessaloniki, 35 p.
- VIII04. **Tsikliras A**, Koutrakis E, Bobori D, Economidis PS(2004) Fishing pelagic fish (pilchard and round sardinella) with sardine net in Kavala Gulf. *Technical Report*. Aristotle University of Thessaloniki, Thessaloniki, 65 p.
- VIII03. Koutrakis E, Sylaios G, **Tsikliras A** (2001) Fisheries exploitation of Aghios Andreas lagoon (Samothraki). *Technical Report*. Fisheries Research Institute, Kavala, 71 p.
- VIII02. Koutrakis E, **Tsikliras A** (2001) Dynamics of the sardine net in Kavala Gulf. *Technical Report*. Fisheries Research Institute, Kavala, 52 p.
- VIII01. Koutrakis E, Kokkinakis A, Eleftheriadis E, Argyropoulou M, **Tsikliras A** (1999) Relative abundance of the fish fauna in Strymonikos estuarine system. In: Koutrakis E, Lazaridou E (eds), pp. 355-365, *Description of the coastal zone of Strymonikos and Ierissos Gulfs*. *Technical Report*. Fisheries Research Institute, Kavala.

### **IX. Other publications**

- IX13. **Tsikliras AC** (2014) Fisheries mismanagement in the greek seas. *Greek Fishing News* **395**: 52-53.
- IX12. Stergiou KI, **Tsikliras AC** (2013) The health of fisheries stocks in the greek seas. *Athens Nature* **140**: 34-38
- IX11. **Tsikliras A**, Stergiou KI (2013) Common fisheries policy for discards, [www.protagon.gr](http://www.protagon.gr) (5 June 2013)  
<http://www.protagon.gr/?i=protagon.el.anagnwstes&id=24990>
- IX10. **Tsikliras A** (2013) Trawling destroys seabeds. Kyriakatiki Eleftherotypia, (23 March 2013)
- IX09. Stergiou KI, **Tsikliras AC** (2012) Europe's economic crisis hits Greek universities hard. *The Chronicles of Higher Education* (5 October 2012)  
<http://chronicle.com/article/Europes-Economic-Crisis-Hits/134814/>
- IX08. Apostolidis C, Karachle PK, Despoti S, Giannakaki A, **Tsikliras AC**, Stergiou KI (2012) European project ECOKNOWS: applying Bayesian methodology in fisheries management. *Agricultural Cooperative ---*.
- IX07. **Tsikliras AC**, Stergiou KI (2012) Bringing down tertiary education. News website Protagon, [www.protagon.gr](http://www.protagon.gr) (29 September 2012)  
<http://www.protagon.gr/?i=protagon.el.anagnwstes&id=18594>
- IX06. Gioni S, **Tsikliras A** (2010) Is fishing causing the sixth massive species extinction? *Mediterranean SOS* **67**: 29-30.
- IX05. **Tsikliras A** (2009) Fish migration routes in the Mediterranean. [www.bloggo.gr](http://www.bloggo.gr)
- IX04. Stergiou KI, **Tsikliras A** (2008) Greek fisheries. In: Stergiou KI, Bobori DC, Michaloudi E, Ganiak K (eds), *Laboratory of Ichthyology-Progress Report 1990-2007*: 23 pp. School of Biology, Aristotle University of Thessaloniki, Thessaloniki, Greece.
- IX03. Antonopoulou E, **Tsikliras A**, Stergiou KI (2005) FishBase and fish reproduction. *Greek Fishing News* **294**: 52-53.
- IX02. Stergiou KI, Bobori DC, **Tsikliras A** (2005) The 6<sup>th</sup> FishBase Consortium annual meeting. *Greek Fishing News* **292**: 58.
- IX01. Koutrakis E, **Tsikliras A** (2000) The fish fauna of Greek wetlands. Educational CD. Hellenic Centre for Wetlands, Thessaloniki.

### **X. Submitted/in preparation manuscripts**

- X58. Despoti S, **Tsikliras AC**, Stergiou KI (submitted) Fecundity of marine fishes: technical aspects of fecundity studies and relationships of fecundity with body size, gonad weight and age.
- X59. Stergiou KI, Despoti S, **Tsikliras AC** (submitted) Fecundity of marine fishes: patterns and propensities.
- X60. **Tsikliras AC**, Licandro P, McQuinn IH, Gröger JP, Alheit J (submitted) Synchronization of Mediterranean pelagic fish populations with the North Atlantic climate variability.
- X61. Pardalou A, **Tsikliras AC** (submitted) Conflicts of small scale fisheries and marine mammals in the northern Aegean Sea.

- X62. Dimarchopoulou D, Stergiou KI, **Tsikliras AC** (submitted) Gaps in biological knowledge of the Mediterranean marine fishes and the economy of sampling.
- X63. Froese R, Garilao C, Winker H, Coro G, Demirel N, **Tsikliras AC**, Dimarchopoulou D, Scarcella G, Sampang-Reyes A (submitted) Assessing the exploitation and status of 397 fish and invertebrate stocks in European waters.
- X64. **Tsikliras AC**, Dimarchopoulou D, Coro G, Demirel N, Garilao C, Sampang-Reyes A, Winker H, Scarcella G, Froese R (submitted) Mediterranean fisheries exploitation: is there an elephant in the room?

## 7. INVITATIONS/MEMBERSHIPS/EDITORSHIPS/REVIEWING

### Invited talks

10. *Marine fisheries (mis)management?* in 'Greek fisheries and environment: patterns, trends and perspective'. Organization: HCMR. Αθήνα, 17 October 2014.
9. *Growing blue fisheries?* Informal meeting of Ministers of Environment of EU. Organization: Ministry of Environment, Energy and Climate Change & Hellenic Presidency. Athens, 14 May 2014.
8. *Blue growth and Marine Strategy Framework Directive*. Mediterranean Conference on Combating Marine Litter in the Adriatic MacroRegion. Organization: MIO-ECSDE. Athens, 12-13 May 2014.
7. *Blue growth: it is not about managing resources but about managing people*. Organization: French Institute of Athens. Athens, 25 November 2013
6. *Fisheries and fisheries management in the Greek Seas*. International conference entitled '2010 Year of Biodiversity: the day after for Greece'. Organization: Mediterranean SOS. Athens, 26-27 November 2010.
5. *Recovery of fisheries stocks*. Conference entitled 'Maliakos Gulf: yesterday... today... tomorrow'. Organization: Environmental Centre of Styliida. Styliida, 10 June 2009.
4. *Patterns and propensities in the fisheries production of Pagassitikos Gulf*. Proceedings of the workshop 'Pagassitikos Gulf: Environment-Fisheries-Sustainable development'. Organization: Institute for the Development of Mount Pelion. Volos, 28 March 2008.
3. *Fisheries stocks of Pagassitikos Gulf*. Conference entitled 'Fisheries and fisheries management'. Organization: Ministry of Food and Agricultural Development. Volos, 30 May 2008.
2. *Marine protected areas and fisheries management*. Workshop entitled 'The role of fishers in the National Marine Park of Alonnisos-Northern Sporades'. Organization: Local authorities. Alonnisos, 7-8 April 2006.
1. *Is climate changing? Ask the fish*. Workshop entitled 'Climatic changes and effects on the biology of organisms'. Organization: BIOKLIMA-Network for the study of climate effects on organisms. Thessaloniki, 24 November 2006.

### International committee membership

Member of the reserve board of the Scientific, Technical and Economic Committee for Fisheries (STECF) of the European Union (2010-2013)

### Scientific societies memberships

- Hellenic Ecological Society (since 2006)
- Hellenic Zoological Society (since 2006)
- Hellenic Society for Biological Sciences (since 2006)
- The Fisheries Society of the British Isles, UK (2005-2008)
- American Fisheries Society (since 2005)
- Hellenic Oceanographical Society (since 2000)
- Challenger Society for the Marine Science, UK (1997-2000)

### Editorial board memberships

Associate editor in *Frontiers in Marine Science*, Section of Marine Fisheries, Aquaculture and living resources (since 2014), member of the editorial board of *PLoS One* since 2012 (handled 102 manuscripts), *Turkish Journal of Zoology* since January 2010 (acted as an associate editor since 2010; handled 12 manuscripts),

*Fisheries and Aquaculture Journal* (since September 2013) *Marine Science* (since May 2012) and *The Open Ecology Journal* from 2009-2011 (resigned in October 2011).

### **Reviewer in international journals (since 2005, as in December 2016)**

Reviewer in 57 journals (around 230 manuscripts) including Turkish Journal of Zoology, Marine Ecology Progress Series, Acta Ichthyologica et Piscatoria, PLoS ONE, Mediterranean Marine Science, Acta Adriatica, Turkish Journal of Fisheries and Aquatic Sciences, ICES Journal of Marine Science, Fisheries Research, Fish and Fisheries, Journal of Fish Biology, Conservation Biology, Scientia Marina, Journal of the Marine Biological Association of the UK, Cahiers de Biologie Marine, Journal of Biological Research-Thessaloniki, Fisheries Management and Ecology, Global Change Biology, Fisheries Oceanography, Estuarine Coastal and Shelf Science, Journal of Marine Systems, Journal of Sea Research, Hydrobiologia, North American Journal of Fisheries Management, Journal of Applied Ichthyology, Asian Fisheries Science, Ethics in Science and Environmental Politics.

### **Reviewer of research proposals**

- Ministry of Science and Technological Development of the Republic of Serbia (1 proposal, November 2010)
- Black Sea ERANET (8 proposals, March-April 2011)
- Russia ERANET (2 proposals, August 2011)
- Greek Ministry of Education (3 proposals, 2012-2013)

*Manuscript/proposal codes are not shown in order to protect the anonymity of the reviewing process, but are available upon request. So are the "invitations to review".*

## **8. ACTIVITIES/INTERESTS**

- Speedboat skipper (Port Police of Kavala, Greece, 1995)
- Sailing yacht (open sea) skipper (Nautical Club of Kavala, Greece, since 1996), member of the racing crew of the sailing yachts MOGWAI (1996-1997), NAUTILUS (1998-2003), CHIMAERA (2006-2008)
- PADI Rescue Diver (since 2001)
- PADI Medic First Aid (since 2002)
- PADI Divemaster (since 2002)